

ZHDANOVA, Ye.A.; D'YACHENKO, P.F.; DRUZHKOVA, I.A., otv. red.;
MANVELOVA, Ye.S., tekhn. red.

[Ferment preparations in the dairy industry] Fermentnye preparaty
v molochnoi promyshlennosti. Moskva, Tsentr. in-t nauchno-tekhn.
informatsii pishchevoi promyshl., 1962. 61 p. (MIRA 16:3)
(Dairy products) (Fermentation)

D'YACHENKO, P.F.; ZHDANOVA, Ye.A.

Susceptibility of casein fractions to the action of proteolytic enzymes. Prikl. biokhim. i mikrobiol. 1 no.1:49-51 Ja-F '65.

(MIRA 1819)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut molochnoy promyshlennosti, Moskva.

ZHDANOVA, Ye.A.; VLODAVETS, I.N.

~~Paper electrophoresis study of proteins contained in cow's milk.~~ Biokhimia 24 no.3:398-403 My-Je '59. (MIRA 12:9)

1. The Union Research Dairy Institute, Moscow.

(MILK,

proteins, electrophoresis (Rus))

(PROTEINS, determ.

in milk, electrophoresis (Rus))

ACCESSION NR: AT4038174

S/2690/63/005/006/0225/0235

AUTHORS: Zhdanova, Ye. K.; Margulis, A. M.

TITLE: Procedure for processing the results of reliability tests
on element parameters

SOURCE: AN LatSSR. Institut elektroniki i vy*chislitel'noy tekhniki.
Trudy*, v. 5, 1963. Avtomatika i vy*chislitel'naya tekhnika (Auto-
mation and computer engineering), no. 6, 225-235

TOPIC TAGS: statistical analysis, transistor, quality control, re-
liability, test method

ABSTRACT: A program is developed for processing the initial statis-
tical material gathered on the reliability of transistors by means
of a digital computer. The processing program is applied to infor-
mation gathered during three stages: prior to the transistor testing,
after each succeeding measurement of the transistor parameters during

Card Card 1/2

ACCESSION NR: AT4038174

the course of the tests, and after the termination of the transistor reliability tests. The main parameters investigated are the probability of correct operation, the average time of correct operation, the failure rate, and the probability distribution of correct operation time. These parameters are defined in terms of their mathematical expectation, variance, and confidence intervals. The main program and the subprograms are described. Orig. art. has: 2 Figures, 10 formulas, and 3 tables.

ASSOCIATION: None

SUBMITTED: 00

DATE ACQ: 04Jun64

ENCL: 00

SUB CODE: IE

NR REF Sov: 003

OTHER: 000

Card 2/2

ZHDANOVA, Ye.S., inzh.

Simplified method for analyzing asphalt-concrete mixes. Avt. dor.
23 no.8:16-17 Ag '60. (MIRA 13:8)
(Asphalt concrete)

Z GA
BUDARIN, V.A.; PANTILEYEV, N.A.; KOZLOV, O.A., otvetstvennyy redaktor;
ZHDANOVA, Z.A., zamestitel' otvetstvennogo redaktora; RACHKO, V.,
redaktor; MURAV'EV, A., tekhnicheskiy redaktor

[Album of visual aids for studying political economy; "capitalism"
section] Al'bom nagliadnykh posobii po politicheskoi ekonomii;
razdel "Kapitalizm." [Leningrad] Gos.izd-vo polit.lit-ry. Pt.2.
1956. 38 plates. (MLRA 10:10)

1. Kommunisticheskaya Partiya Sovetskogo Soyuza. Vysshaya
partiynaya skola.
(Economic conditions)

ZHDANOVSKIY, N.S., doktor tekhn. nauk; GITLIN, N.N., kand. tekhn. nauk;
NIKOLAEV, A.V., kand. tekhn. nauk

Investigating light fuel injection systems with a proportioning
distributor. Avt. prom. 30 no.8:12-15 Ag '64.

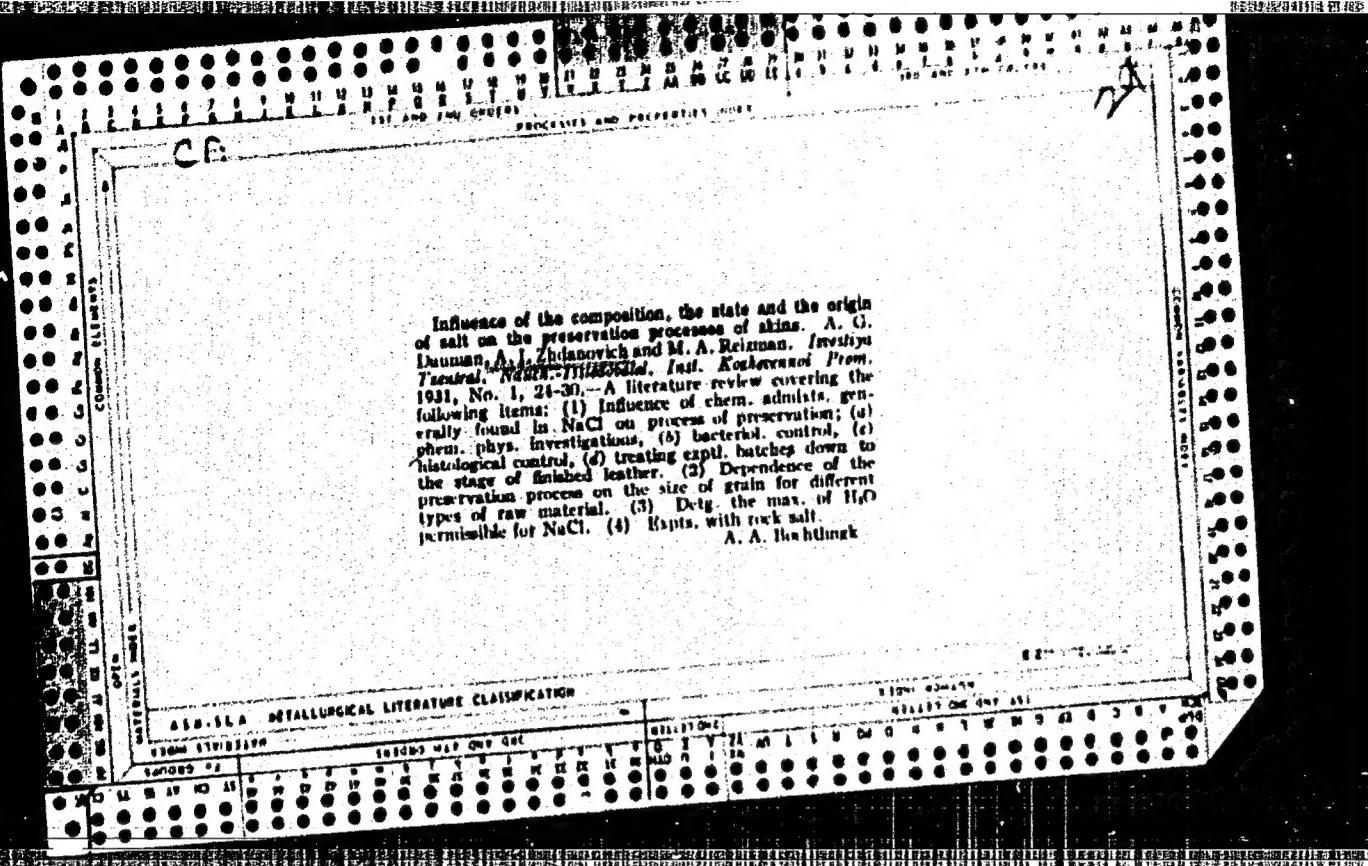
(MIRA 17:11)

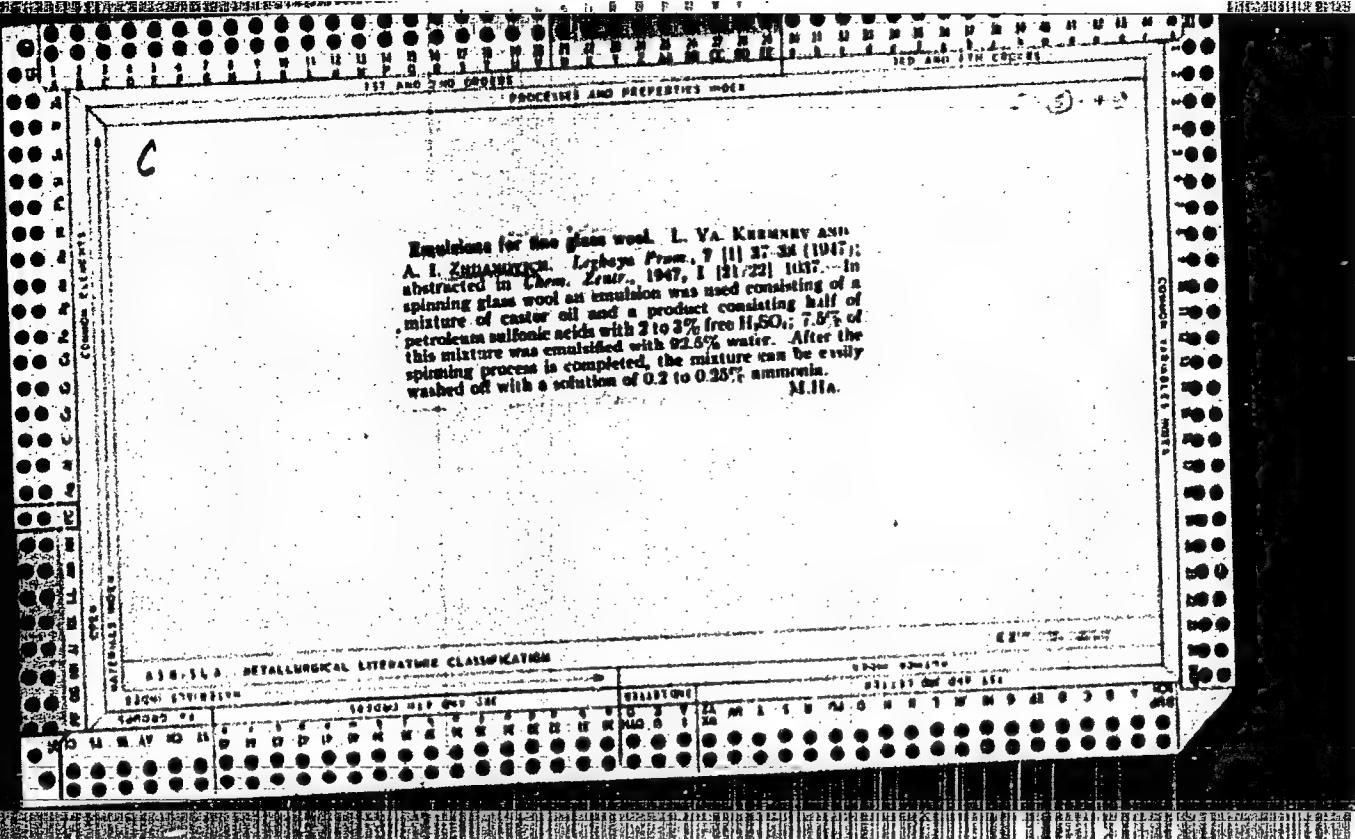
1. Leningradskiy sel'skokhozyaystvennyy institut i Tsentral'nyy
nauchno-issledovatel'skiy i konstruktorskiy institut toplivnoy
apparatury avtotraktornykh i statsionarnykh dvigateley.

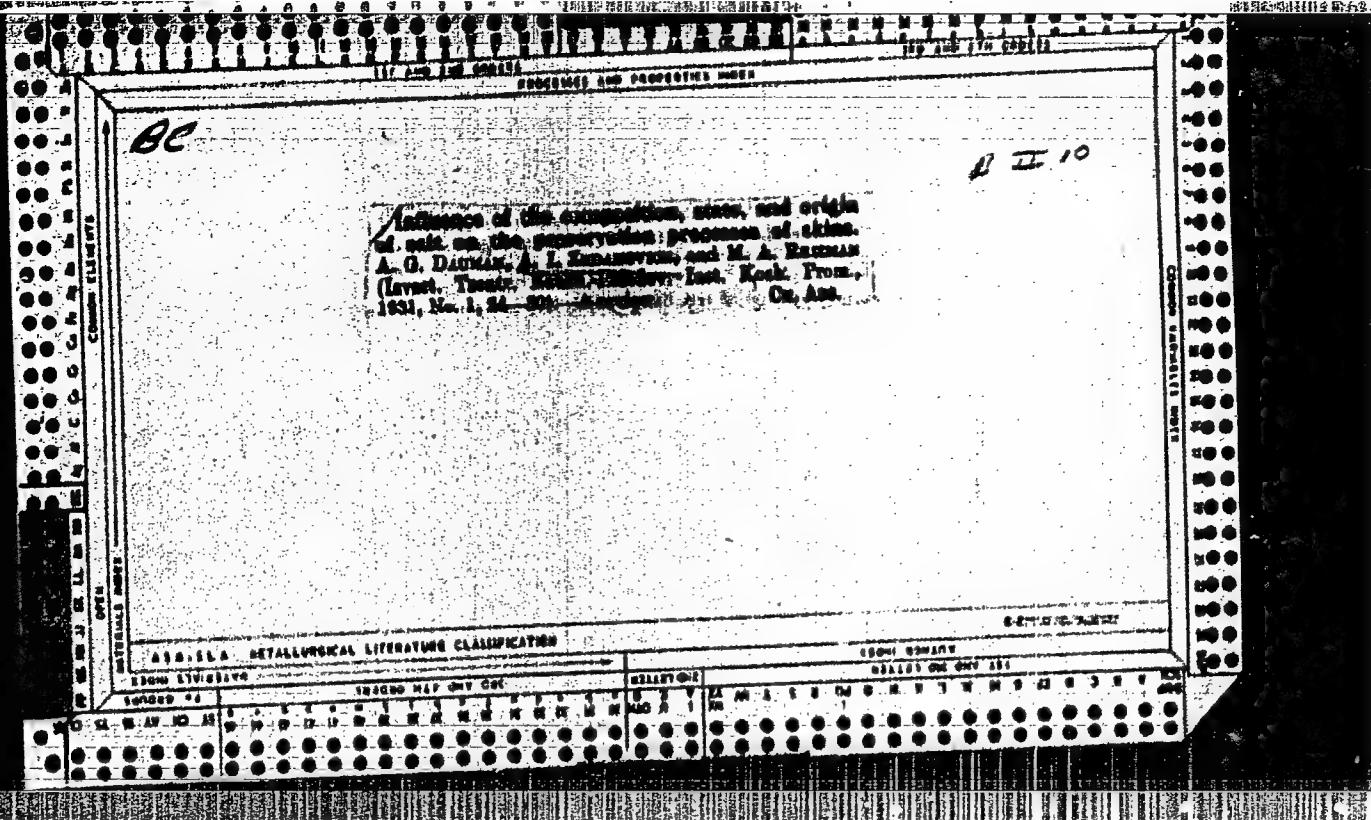
YURKEVICH, V.V.; ZHDANOVICH, A.O.

Inactive form of adaptive enzymes and its relation with the
energy metabolism of cells. Dokl. AN SSSR 139 no.5:1239-
1241 Ag. '61. (MIRA 14:8)

1. Ural'skiy gosudarstvennyy universitet im. A.M. Gor'kogo.
Predstavлено академиком А.И. Опарином.
(Invertase) (Metabolism) (Maltase)







KOROBKO, Aleksandr Il'ich; ZHDANOVICH, Aleksandr Stepanovich; KASHTANOV, F.,
red.; KALECHITS, G., tekhn. red.

[Reduce production costs; from the work practice of machinery
manufacturing and machine-tool enterprises of the White Russian
Economic Council] Snizhat' sebestoimost' produktsii; iz opyta
raboty predpriatii mashinostroeniia i metalloobrabotki SNKh
BSSR. Minsk, Gos. izd-vo BSSR. Red. proizvodstvennoi lit-ry,
1962. 31 p.

(White Russia—Machinery industry—Costs)
(White Russia—Machine-tool industry—Costs)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064630002-8

ZHDANOVICH, E.
P. SHORUGIN, ZhPKh 3, 1189-92, 1930

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064630002-8"

POPOV, K.S., kand. tekhn. nauk; GAYVORONSKAYA, Z.I.; UMANETS, V.P.;
NILOV, V.I.; VALUYKO, G.G.; OKHREMENKO, N.S.; ZHDANOVICH,
G.A.; DATUNASHVILI, Ye.N.; SERHINOVA, N.I.; MARCHENKO, G.S.;
KURAKSINA, N.K.; TYURIN, S.T.; TYURINA, L.V.; KRIMCHAR, M.S.;
RAZUVAYEV, N.I.; OGRODNIK, S.T.; MIKHAYLOV, S.M.;
ZHILYAKOVA, O., red.; GLIKMAN, N., red.; FISENKO, A., tekhn.
red.;

[Wine making; manual for the workers of wineries on state and
collective farms in the Crimea] Vinodelie; rukovodstvo dlja ra-
botnikov vinodel'cheskikh zavodov sovkhozov i kolkhozov Kryma.
Simferopol', Krymizdat, 1960. 415 p. (MIRA 16:3)
(Crimea--Wine and wine making)

ZHDANOVICH, G.A.; GEL'GAR, L.L.

New technological equipment of the wineries for the first-stage
treatment of grapes. Trudy VNIIIVIV "Magarach" 9:33-52 '60.
(MIRA 13:11)

(Wine and wine making--Equipment and supplies)

ZHURNAL, 4. R.

Wine and Wine Making

Efficient arrangement of equipment in primary wineries. Vin. SSSR 12 no. 5 (1952)

Monthly List of Russian Accessions, Library of Congress, August, 1952. UNCLASSIFIED.

ZHDANOVICH, G.P.

Device which registers the number of times auxiliary buttons have been used. Avtom.telem. i sviaz' 3 no.12:33 D '59.
(MIRA 13:4)

1. Nachal'nik otdela signalizatsii, tsentralizatsii i blokirovki slushby signalizatsii i svyazi Severo-Kavkazskoy dorogi.
(Railroads—Signaling—Interlocking systems)
(Counting devices)

ACCESSION NR: AR4016309

8/0187/64/000/001/0035/0035

SOURCE: RZh. Metallurgiya, Abs. 10243

AUTHOR: Zhdanovich, G. M.

TITLE: Certain aspects of the theory of pressing of metal powders and their mixtures

CITED SOURCE: Tr. Kuybyshevsk. aviat. in-t, vyip. 16, 1963, 31-39

TOPIC TAGS: metal powder pressing, metal powder compacting, metal powder briquette

TRANSLATION: Formulas were derived for determining the compacting pressure as a function of briquette density, allowing for pressure loss due to friction between the powder and the walls of the die. Methods are proposed for the experimental determination of the hardening index, coefficient of external friction, and "critical pressure" values, which enter into these formulas. It was shown that, to a first approximation, the pressure on the bottom of the die may be assumed equal to the difference between the pressure under the working punch and the pressure loss due to external friction. It was found that in the case of pressing rings, the side pressure on the die exceeds the side pressure on the rod; this results

Card 1/2

ACCESSION NR: AR4018309

from the formation of elastic forces in the briquette which are directed from the center toward the periphery, and this force difference increases with the compacting pressure. S. Golomin

SUB CODE: MM

ENCL: 00

Card 2/2

ZHDANOVICH, G. M.

Cand Tec Sci, Diss -- "Certain problems in the theory of the process of pressing metallic powders and their mixtures". Minsk, 1961. 18 pp, 22 cm (Dept of Tec Sci, Acad Sci BSSR), 250 copies, Not for sale (KL, No 9, 1961, p 182, No 24338). /61-51123/

1. Name: Metallurgical Co.

2. Address: 2200 W. 2nd Street

3. City: Los Angeles, California

4. State: CA

5. Zip Code: 90007

6. Telephone Number: (213) 484-3200

7. Type of Business: Mfg.

8. Nature of Work: Metallurgical

9. Description of Work: Metallurgical

10. Name of Person in Charge: John C. Smith

11. Position: President

12. Name of Person in Charge: John C. Smith

13. Position: President

14. Name of Person in Charge: John C. Smith

15. Position: President

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064630002-8

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064630002-8"

ZHDANOVICH, Gennadiy Mikhaylovich; TREYAYER, V.N., doktor tekhn.
nauk, prof., retsenzent; STREL'CHENYA, I.P., red.;
KONCHITS, Ye.P., tekhn. red.

[Theory of the pressing of metal powders and their mixtures]
Nekotorye voprosy teorii protsessa pressovaniia metallicheskikh poroshkov i ikh smesei. Minak, Redaktsionno-izdatel'skii otdel BPI im. I.V. Stalina, 1960. 97 p. (MIRA 15:9)

1. Chlen-korrespondent Akademii nauk BSSR (for Treyayer).
(Powder metallurgy)

ZHDANOVICH, G.V.

Overall mechanization of pipeline construction. Stroi. i dor. mash.
9 no.4:3-7 Ap '64. (MIRA 18:1)

1. Nachal'nik Upravleniya mekhanizatsii stroitel'stva Gosudarstvennogo
proizvodstvennogo Komiteta po gazovoy promyshlennosti SSSR.

ZHDANOVICH, G.V.

New machines used in construction of petroleum enterprises. Stroi.
pred.neft.prem.l no.213-7 Ap '56. (MIRA 9:9)
(Petroleum industry--Equipment and supplies)

ZHDANOVICH, O.V., inzhener.

Digging trenches and snow removal from them. Strei. pred. neft. prem.
2 no.3:16-18 Mr '57. (MIRA 10:4)

(Gas, Natural--Pipelines)

ZHDANOVICH, G.V., inzh.

Construction of the Central Asian line is increasing in tempo.
Stroi. truboprov. 7 no.4:1-3 Ap '62. (MIRA 15:5)
(Soviet Central Asia--Gas, Natural--Pipelines)

ZHDANOVICH, G.V.

Over-all mechanization of pipeline construction. Stroi. pred.
neft. prom. 3 no.5:9-12 My '58. (MIRA 11:7)

1. Nachal'nik Upravleniya mekhanizatsii rabet Glavgaza SSSR.
(Pipelines)

ZHDANOVICH, G.V., inzh.

Unavoidable changes in the organizational structure. Stroi,
truboprov. 6 no.3t4-6 Mr '61. (MIRA 14:3)

1. Upravleniye mekhanizatsii rabot Glavgaza SSSR.
(Pipelines)

NIKITIN, K., podpolkovnik; ZHDANOVICH, I., kapitan.

Discharging ponton sections over steep banks. Voen.-insh. zhur. 101
no.10:44-46 O '57. (MIRA 10:11)
(Pontoon)

ZHDANOVICH, Matruna, matsi-gerainya

Our country gave us happiness, Rab.i sial. 33 no.12:10-11 D '57.
(MIRA 10:12)

(Borisov—Social conditions) (Repatriation)

MATOV, Viktor Ivanovich; NIKOLAYEV, Oleg Aleksandrovich; ZHDANOVICH,
~~Nikolay Semenovich~~; FETISOV, Aleksandr Vasil'yevich;
SUL'NIKOV, N.Ya., red.; BORUNOV, N.I., tekhn. red.

[Digital computer for school use] Uchebnaia tsifrovaia vy-chislitel'naia mashina. Moskva, Gosenergoizdat, 1963. 127 p.
(Biblioteka po avtomatike, no.84) (MIRA 16:12)
(Electronic digital computers)

VOL'FSOV, A.A.; ZHDANOVICH, N.S.; SUBASHIYEV, V.K.

Quantum yield of the photoconductive effect in p-silicon doped
with boron. Fiz. tver. tela 6 no.12:3732-3734 D '64
(MIRA 18:2)

1. Institut poluprovodnikov, AN SSSR, Leningrad.

ZHDANOVICH, N.S.; KONOPLEVA, R.F.; RYVKIN, S.M.

Annealing of defects formed in n-type germanium by γ -rays.
Fiz. tver. tela 2 no.10:2356-2358 '60. (MIRA 13:12)

1. Fiziko-tehnicheskiy institut AN SSSR, Leningrad.
(Gamma rays) (Germanium)
(Semiconductors, Effect of radiation on)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064630002-8

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064630002-8"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064630002-8

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064630002-8"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064630002-8

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064630002-8"

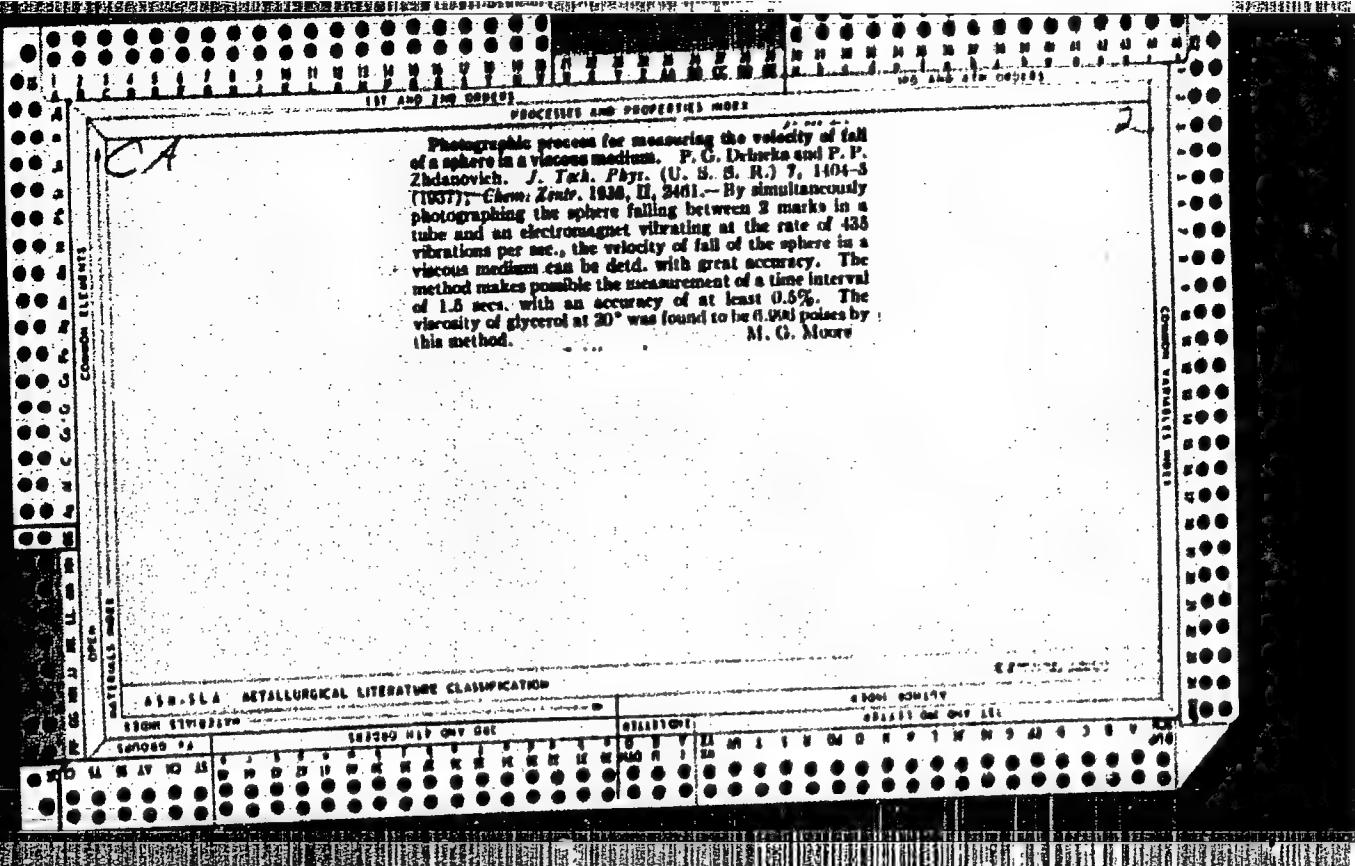
"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064630002-8

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064630002-8"

MINLIBAYEV, K.S.; ZHDANOVICH, P.F.

Hero's brigdade works here. Transp. stroi. 15 no.2:35-36
F '65. (MIRA 18:3)

1. Nachal'nik otdela truda i zarabotnoy platy tresta Zapsibtransstroy
(for Minlibayev). 2. Instruktor Novosibirskoy NIS (for Zhdanovich).



ROZENFEL'D, Shmul Leybovich. Prinimal uchastiye ZHDANOVICH, V.E..
KUZNETSOV, P.V., red.; GERASIMOVA, Ye.S., tekhn.red.

[Expansion and distribution of the building materials industry
of the U.S.S.R.] Razvitiye i razmeshchenie promyshlennosti
stroitel'nykh materialov SSSR. Moskva, Gosplanizdat, 1960.
180 p. (MIRA 13:5)

(Building materials industry)

Characteristics of Belorussian agriculture based on the data of the rail and water transportation Mensk, Vyd. N.K.Z. Belarusi, 1926. 38, 75 p. 50 maps. (Pratsy S.-h. sektsyi Instytutu belaruskai kul'tury, Sshytak 1) (53-5311)

ZHDANOVICH, V.F.

Factorization of a linear differential expression. Usp. mat. nauk
16 no.4:155-159 J1-Ag '61. (MIRA 14:8)
(Differential equations, Linear)

16.3500

Zhdenovich, V.F. (Minak)

05705

SOV/39-49-3-1/7

AUTHOR:

TITLE: Solution of Non-self-adjoint Mixed Problems for Hyperbolic Systems in the Plane by Means of the Fourier Method III

PERIODICAL: Matematicheskiy sbornik, 1959, Vol 49, Nr 3, pp 233-266 (USSR)

ABSTRACT: The publication is a direct continuation of the contributions [Ref. 5,6,7] of the author. There he considered for the closer hyperbolic system

$$(1) \frac{\partial u(x,t)}{\partial t} = A(x) \frac{\partial u(x,t)}{\partial x} + B(x)u(x,t)$$

in the sense of I.G. Petrovskiy the mixed problem

$$(2) M \frac{\partial u(0,t)}{\partial t} + Nu(0,t) + P \frac{\partial u(1,t)}{\partial t} + Qu(1,t) = 0$$

$$(3) u(x,0) = f(x)$$

and by separation of the variables he obtained a formal solution represented by a series

Card 1 / 3

05705

SOV/39-49-3-1/7

Solution of Non-self-adjoint Mixed Problems for
 Hyperbolic Systems in the Plane by Means of the Fourier Method III

$$(5) \sum_{s=-\infty}^{\infty} r_{nk_s}^{(s)}(x) e^{s \int_x^t}$$

§ 1. A function defined on $\Omega = [0 \leq x \leq 1; 0 \leq t \leq T]$ is said to belong to the Banach space $M_2(\Omega)$, if for all $t \in [0, T]$

$$\text{the function } \zeta(t) = \|f(x, t)\|_{D_2(0, 1)}^2 = \left\{ \int_0^1 \|f(\xi, t)\|^2 d\xi + \right.$$

$+ \|Mf(0, t) + Pf(1, t)\|^2$ is defined and continuous. Let

$$(6) \|f(x, t)\|_{M_2(\Omega)}^2 = \max_{0 \leq t \leq T} \left\{ \int_0^1 \|f(\xi, t)\|^2 d\xi + \|Mf(0, t) + Pf(1, t)\|^2 \right\}$$

(see notations and definitions of [Ref 5, 6, 7]).

Card 2/3

2

05705

SOV/39-49-3-1/7

Solution of Non-self-adjoint Mixed Problems for
Hyperbolic Systems in the Plane by Means of the Fourier Method III

Theorem 1 : If the boundary conditions (2) are regular / Ref 6_7
and if $f(x) \in D_2(0,1)$, then (5) converges for a certain
grouping of terms (as in theorem 6 of / Ref 6_7) according to
the norm of $U_2(\Omega)$.

§ 2 gives sufficient conditions for the existence of a classic-
al solution.

In § 3, the author shows : Theorem 5 : If (2) are regular and
if $f(x) \in D_2(0,1)$, then the sum of (5) is a generalized
solution of (1), (2), (3).

Altogether the author gives five theorems, nine lemmata and
numerous conclusions.

The results overlap with the results of M.L. Rasulov
(Ref 7,8_7). The author mentions S.L.Sobolev and A.D.Myshkis.
There are 8 references, 7 of which are Soviet, and 1 English.

SUBMITTED: May 20, 1957

Card 3/3

TROSHENSKIY, S.P.; ZHDANOVICH, V.F., inzh., retsenzont; GULYACHKIN,
K.N., inzh., red.

[Calculating the precision of machining on machine tools]
Raschety tochnosti obrabotki na metallorezhushchikh stan-
kakh. Moskva, Izd-vo "Mashinostroenie," 1964. 202 p.
(MINA 1757)

NEMIROVSKIY, I.A.; NEYSHTADT, D.M.; SEDOKOV, L.M., kand. tekhn.
nauk; IL'IN, Yu.M.; ZHDANOVICH, V.F., inzh., retsenzent;
KUZNETSOV, Yu.I., inzh., retsenzent; KOSILOVA, A.G.,
kand. tekhn. nauk, red.

[Increasing the productivity of heavy-duty machine tools]
Povyshenie proizvoditel'nosti krupnykh metallorezhushchikh
stankov. [By] I.A.Nemirovskii i dr. Moskva, Mashino-
stroenie, 1965. 201 p. (MIRA 18:5)

ZHDANOVICH, V.P.

Substantiating the Fourier method for generalized systems of
telegrapher's equations. Uch. zap. BGU no.51:17-63 '59.
(MIRA 14:1)

(Differential equations, Partial)

ZHDANOVICH, V.F.

Formulas for the zeros of Dirichlet polynomials and quasipolynomials.
Dokl. AN SSSR 135 no.5:1046-1049 D '60. (MIRA 13:12)

1. Predstavleno akademikom I.G.Petrovskim.
(Polynomials)

ZHDANOVICH, V. F.

Transactions of the 3rd All-Union Mathematical Congress, "Moscow, Jun-Jul '56,
Trudy, '56, v. 1, Sect. Rpts., Izdatel'stvo AN SSSR, Moscow 1956, 237 pp.

pp. 61-63 Myshkis, A. D. (Minsk), Abolina, V. E. (Riga), Zhdanovich, V. F.
(Minsk), Kostyukovich, Ye. Kh. (Minsk), Iepin, A. Ye. (Minsk), Kharitonenko, P. I.,
(Minsk) and Shlopak, A. S. (Moscow). "Mixed Problem for Linear Hyperbolic
Systems in a Plane,"

16(1)
AUTHOR:

Zhdanovich, V.F. (Minsk)

SOV/39-47-3-3/4

TITLE:

The Solution of Non-Self-Adjoint Problems for Hyperbolic Systems in the Plane With the Aid of the Fourier Method I
(Resheniye metodom Fur'ye nesamosopryazhennykh smeshannykh zadach dlya giperbolicheskikh sistem na ploskosti I.)

PERIODICAL:

Matematicheskiy sbornik, 1959, Vol 47, Nr 3, pp 307-354 (USSR)

ABSTRACT:

On the basis of the papers of M.V. Keldysh, M.A. Naymark, A.D. Myshkis, N.A. Brazm, O.A. Ladyzhenskaya, and S.L. Sobolev the author gives a theoretical basis for the application of the Fourier method to the solution of boundary value problems

for $\frac{\partial u}{\partial t} = A(x) \frac{\partial u}{\partial x} + B(x)u$. The main results have been already announced in [Ref 12] and partially in [Ref 13]. There are 13 references, 11 of which are Soviet, and 2 American.

SUBMITTED: May 20, 1957

Card 1/1

ZHDANOVICH, V. F.: Master Phys-Math Sci (diss) -- "Solution using the Fourier
method for non-selfconjugate mixed problems for hyperbolic systems on a plane".
Minsk, 1959. 10 pp (Beloruss State U im V. I. Lenin), 150 copies (KL, No 10,
1959, 122)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064630002-8

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064630002-8"

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064630002-8

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064630002-8"

16(1)

AUTHOR: Zhdanovich, V.F. (Minsk)

SOV/39-48-4-3/4

TITLE: The Solution of Non-Selfadjoint Mixed Problems for Hyperbolic Systems in the Plane With the Aid of the Fourier Method. II

PERIODICAL: Matematicheskiy sbornik, 1959, Vol 48, Nr 4, pp 447-498 (USSR)

ABSTRACT: The present paper is a direct continuation of [Ref 8]. The author investigates the linear differential operator

$$Ly(x) = A(x)y'(x) + B(x)y(x)$$

with the region of definition Ω , consisting of the functions $y(x) \in C^1(0,1)$ which satisfy the boundary condition

$$hy \equiv MA(0)y'(0) + [MB(0)+N]y(0) + PA(1)y'(1) + [PB(1)+Q]y(1) = 0.$$

The matrices $A(x)$, $B(x)$, M , N , P satisfy all assumptions of [Ref 8]. § 1 gives asymptotic developments for the fundamental matrix $Y(x, \lambda)$ ($0 \leq x \leq 1$) of the system $A(x)y'(x) + B(x)y(x) = \lambda y(x)$ for $\lambda \rightarrow \infty$. In § 2 the asymptotic distribution of the eigenvalues of L is considered for $\lambda \rightarrow \infty$. In § 3 the existence of the Green's function of the operator $L - \lambda E$ is proved; it is shown that it is uniformly bounded with respect to the norm and a development for it is given. § 4 uses these results for the

Card 1/2

The Solution of Non-Selfadjoint Mixed Problems SOV/39-48-4-3/4
for Hyperbolic Systems in the Plane With the Aid of
the Fourier Method.II

investigation of the convergence of the development of the initial function $f(x)$ from the condition (3) of part I of the present paper [Ref 8]. It is proved that under certain assumptions the system of eigenfunctions and adjoint functions of L in a certain space is complete and closed. There are 10 theorems, 13 lemmas, and several conclusions. There are 8 references, 6 of which are Soviet, 1 German, and 1 American.

SUBMITTED: May 20, 1957

Card 2/2

ZHDANOVICH, V.F.

Using the Fourier method for solving non-selfconjugate mixed problems
for hyperbolic systems on a plane. Dokl. AN SSSR 114 no. 5:934-937 Je
'57. (MLRA 10:9)

1. Belorusskiy gosudarstvennyy universitet im. V.I. Lenina. Predstav-
leno akademikom I.G. Petrovskim.
(Functional analysis)

87390

S/020/60/135/006/004/037
C 111/ 0 333

16.3.500

AUTHOR: Zhdanovich, V. F.

TITLE: Asymptotic Expansions of the Eigen Values of a Boundary Value Problem With Parameter

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 135, No. 6,
pp. 1318-1321

TEXT: The author considers the eigen value problem

$$(1) \quad y'(x) + B(x) y(x) - \lambda \Lambda(x) y(x)$$

$$(2) \quad M\left(\frac{1}{\lambda}\right) y(0) + N\left(\frac{1}{\lambda}\right) y(1) = 0.$$

The matrix $B(x)$, $0 \leq x \leq 1$, has complex elements vanishing on the diagonal; $\Lambda(x)$, $0 \leq x \leq 1$, is a real diagonal matrix with $\lambda_i(x)$, $i = 1, 2, \dots, r$ as the elements of the diagonal. The two matrices are m -times ($m \geq 1$) continuously differentiable on $[0, 1]$.

$M(z) = \sum_{k=0}^{p_0} M_k z^k$ and $N(z) = \sum_{k=0}^{p_1} N_k z^k$ are polynomials with matrix coefficients; λ is a complex parameter.

Card 1/5

87390

S/020/60/135/006/004/037
C 111/ C 333

Asymptotic Expansions of the Eigen Values of a Boundary Value Problem With Parameter

Theorem 1 states, under the assumption : $v_i \neq v_j$ for $i \neq j$ for all $x \in [0,1]$ and $|\lambda| > R > 0$, that (1) possesses a fundamental matrix

$$(3) Y(x, \lambda) = \left[E + \frac{\phi E}{\lambda} + \frac{\phi^2 E}{\lambda^2} + \dots + \frac{\phi^{m-1} E}{\lambda^{m-1}} + \frac{H(x, \lambda)}{\lambda^m} \right] \cdot \exp \left[\lambda \int_x^0 \Delta(\xi) d\xi \right]$$

where E is the unit matrix, ϕ a certain linear operator and $H(x, \lambda)$ a certain matrix analytic in λ and bounded in the norm.

Theorem 2: Let the assumptions of theorem 1 be satisfied
 $\Delta(x) (0 \leq x \leq 1)$ be positive, for the boundary condition (2) let

$$(7) \det M_0 \neq 0, \det N_0 \neq 0$$

be satisfied. Then for the eigen values $\lambda_n (n = \pm 1, 2, \dots)$

Card 2/5

87390

S/020/60/135/006/004/037

C 111/ C 333

Asymptotic Expansions of the Eigen Values of a Boundary Value Problem
With Parameter

of (1), (2) it holds the representation

$$(8) \lambda_n = \frac{2\pi n i}{\alpha_0 - \alpha_p} + \varphi_0(n) + \frac{\varphi_1(n)}{n} + \dots + \frac{\varphi_{m-1}(n)}{n^{m-1}} + \frac{\psi_m(n)}{n^m}$$

(n = ± 1, ...)

Here $\varphi_s(n)$ ($s = 0, 1, \dots, m-1$), $\psi_m(n)$ are complex-valued bounded functions of n , where

$$\varphi_s(n) = h_s \left(\exp \left[\frac{2\pi(\alpha_1 - \alpha_p)n_i}{\alpha_0 - \alpha_p} \right], \dots, \exp \left[\frac{2\pi(\alpha_{p-1} - \alpha_p)n_i}{\alpha_0 - \alpha_p} \right] \right)$$

where $h_s(\mu_1, \mu_2, \dots, \mu_{p-1})$ are piecewise analytic on the torus surface $(e^{it_1}, e^{it_2}, \dots, e^{it_{p-1}})$ ($0 \leq t_j < 2\pi$, $j = 1, 2, \dots, p-1$)

Moreover $\varphi_s(n)$ are the Taylor coefficients of the series expansion

Card 3/5

87390

S/020/60/135/006/004/037
C 111/ C 333

Asymptotic Expansions of the Eigen Values of a Boundary Value Problem With Parameter

of $w = w(z)$ in $z = 0$, where $w(z)$ satisfies the equation

$$(9) \quad \sum_{k=0}^{m-1} \left(\frac{z}{\frac{2\pi i}{\alpha_0 - \alpha_p} + z w(z)} \right)^k \left[a_0^{(k)} \exp [\alpha_0 w(z)] + \right.$$

$$\left. + \sum_{s=1}^{p-1} a_s^{(k)} \exp \left[\frac{2\pi n (\alpha_s - \alpha_p)i}{\alpha_0 - \alpha_p} \right] \exp [\alpha_s w(z)] + \right.$$

$$\left. + a_p^{(k)} \exp [\alpha_p w(z)] \right] = 0.$$

The α_i , a_k are defined by the representation

$$(5) \quad \Delta(\lambda) = \sum_{s=0}^p a_s \left(\frac{1}{\lambda} \right) \exp [\alpha_s \lambda]$$

Card 4/5

87390

S/020/60/135/006/004/037
0 111/ 0 333

Asymptotic Expansions of the Eigen Values of a Boundary Value Problem
With Parameter

of the determinant $\Delta(\lambda) \equiv \det \left[M \left(\frac{1}{\lambda} \right) Y(0, \lambda) + N \left(\frac{1}{\lambda} \right) Y(1, \lambda) \right]$
and by

$$(6) \quad a_s \left(\frac{1}{\lambda} \right) = \sum_{j=0}^{m-1} \frac{a_s(j)}{\lambda^j} + \frac{a_s(m)(1/\lambda)}{\lambda^m},$$

where $|a_s(m)(1/\lambda)| < \frac{M_2}{(1-R/|\lambda|)^r}$, $M_2 = \text{const.}$

The theorems refer to the case where $(\det M_0)(\det N_0) = 0$.

The author mentions Ya. D. Tamarkin.

There are 5 references: 4 Soviet and 1 German.

PRESENTED: June 28, 1960, by J. G. Petrovskiy, Academician

SUBMITTED: June 27, 1960

Card 5/5

ZHDANOVICH, V.F. (Minsk)

Solution of nonselfconjugate mixed problems for hyperbolic systems
on a plane by the Fourier method. Part 1. Mat. sbor. 47 no.3:307-354
Mr '59. (MIRA 12:3)
(Differential equations, Partial)

20-5-5/60

AUTHOR
TITLE

ZHDANOVICH, V.P.

Solution by the Fourier-method of nonself-adjoint Mixed Problems for Hyperbolic systems on a Plane.
(Resheniya zadaniy Fur'ye nesamosopryazhennykh smeshannykh zadach dlya giperbolicheskikh sistem na ploskosti, -
Russian.)

PERIODICAL

Doklady Akademii Nauk SSSR 1957, Vol 114, Nr 5,
pp 934-937 (USSR)

ABSTRACT

The author here solves a mixed problem for the system (1)
which is hyperbolic in the more restricted sense:

$$(\partial/\partial t)u(x,t) = A(x)(\partial/\partial x)u(x,t) + B(x)(x,t)$$

(0 \leq x \leq 1, 0 \leq t \leq T + \infty) with the following boundary-
and initial conditions (2a) and (2b) respectively

$$M(\partial/\partial t)u(0,t) + Nu(0,t) + P(\partial/\partial t)u(1,t) + Qu(1,t) = 0;$$

$u(x,0) = f(x)$. Here $u(x,t)$ is an n -dimensional vector function
with complex coordinates. Some further conditions for
the matrices $A(x)$, $B(x)$, M, N , P, Q are given. For the bound-
ary problem (1), (2a) the author puts $u(x,t) = y(x)e^{\lambda t}$.
For the determination of $y(x)$ ($0 \leq x \leq 1$) and λ the
system (4)

CARD 1/2

20-5-5/60

Solution by the Fourier-method of nonself-adjoint Mixed Problems for Hyperbolic Systems on a Plane.

$$A(x)y'(x)+B(x)y(x) = \lambda y(x); (i\lambda + N)y(0)+(p\lambda + Q)y(1) = 0.$$

is obtained.

Six theorems are then given for this system; the first is as follows: If the boundary conditions are regular, the problem (4) has an enumerable mass of eigen values which are all located in the strip $-J < \operatorname{Re} \lambda < J < \infty$.

The necessary definitions given for this theorem are also given in this paper.

(No Illustrations)

ASSOCIATION: White Russian State University "V.I. LENIN".
(Belorussekiy gosudarstvennyy universitet im. V.I. Lenina."
Russian)

PRESENTED BY: I.G. PETROVSKIY, member of the Academy, 10.12.1956

SUBMITTED: 6.11. 1956

AVAILABLE: Library of Congress

CARD 2/2

ZHDANOVICH, Witol'd [Zdanowicz, Witold]

Magnetic resistance of cadmium arsenide in a temperature
interval 1.6 -- 300 K. Acta physica Pol 26 no.5:663-673
Maj '64.

1. Department of Physics, Technical University, Warsaw.

ZHDANOVICH, Ya.A.

Role of the department of infectious diseases in the reduction
of gastrointestinal diseases. Zdrav. Bel. 9 no.8:51-52 Ag'63
(MIRA 17:3)

1. Iz kabineta infektsionnykh zabolеваний polikliniki No.1
goroda Bobruyska.

The alkaloids of Senecio ethoensis. II. B. Zhdanovich

and G. P. Men'shikov. J. Russ. Chem. (U. S. S. R.) 11: 835-8 (1941).—The authors studied the alkaloids of *Senecio ethoensis*. The plant (80 kg.), reduced to small particles and treated with 10% NH₄OH, was exhaustively extd. with CH₂Cl₂, the ext. treated with 5% H₂SO₄ and the bases isolated by treating the acid ext. in the cold with 25% NH₄OH and extn. with CH₂Cl₂. The CH₂Cl₂ was dried, off after filtration and the residue, which was partly crystall., was filtered by suction after washing with Me₂CO; yield, 35 g. of crude alkaloid, m. 221-2° (from EtOH), which was named *otonecine* (I). Its *parao*, prep'd. by nitrating its EtOH soln. with alc. nitric acid, m. 233-8° (from EtOH), I (10 g.) in 200 cc. H₂O was treated with 20 g. hydrated BaO and refluxed for 1 hr.; after cooling, CO₂ was passed in until the Ba ppt. was complete, the mixture was filtered and the ppt. washed with hot H₂O. The aqu. soln. was acidified (to Congo red) with 2 N HCl and evapd. to a small vol.; the residue was extd. with CH₂Cl₂, the latter filtered and dried, off, leaving 4 g. of an acid, C₁₁H₁₄O₂, m. 180-2° (from hot H₂O). After removal of the acid, the alc. soln. was concd. *in vacuo* and the residue treated with abs. EtOH, the EtOH soln. filtered, treated with charcoal and concd., but it was impossible to isolate the amino alc., which, under these conditions of sapon., apparently is transformed into tar. I (18 g.) in 100 cc. 15% HCl was refluxed for 30 hrs., cooled and filtered, yielding 8 g. of a substance, C₁₁H₁₄OCl, m. 111-13° (from EtOH). The mother liquor was evapd. *in vacuo* and the residue treated with hot abs. EtOH, filtered, and most of EtOH dried, off; the soln. on standing deposited the HCl salt of the amino alc. (*otonecine*), C₁₁H₁₄N₂Cl, m. 146-8° (from EtOH), yield 4 g. This, *in vacuo*, the alk. hydrolyzed,

the amino alc. is recoverable, but the acid fraction is partially attacked. Otonecine-HCl (3 g.) in 30 cc. H₂O was shaken with Adams' Pt catalyst (from 1 g. H₂PtCl₆) under slight H pressure; 100 cc. H₂ were absorbed in the course of 2 hrs.; the soln. was filtered, made strongly alk. with 20% NaOH, extd. with CH₂Cl₂, the latter dried, off and the residue dried, *in vacuo*, yielding 1.5 g. of an est. C₁₁H₁₄O₂N, b.p. 103-7°. The *picrate* of the reduced otonecine, prep'd. by mixing EtOH solns. of the reagents, m. 231.8° (from EtOH). Reduced otonecine (0.8 g.) in 30 cc. EtOH was treated with 0.3 g. NH₄OH-HCl in 1.5 cc. 40% KOH; the mixt. was heated for 2 hrs. on a water bath, cooled and acidified by 2 N HCl to Congo red; the acid soln. was treated with 25% NH₄OH and extd. with Et₂O, the latter dried and the solvent dried, off, yielding a substance, C₁₁H₁₄O₂N, m. 170-8° (from Me₂CO), which is the *oxime* of the reduced otonecine. I has the compn. C₁₁H₁₄O₂N. It is apparently a complex ester of the alc. C₁₁H₁₄O₂ and the amino alc. (*otonecine*). The acid appears to be identical with Berger and Blackie's (C. A. 31, 4434) jaconeic acid. Otonecine contains 1 OH group (Zarevitskoy) and a carbonyl group; it is apparently monocyclic, and on the basis of qual. tests appears to be a pyrrolidine nucleus. I also contains an MeN group (Viebock's method), but no MeO groups. The alkaloid is thus probably a deriv. of *N*-methylpyrrolidine.

G. M. Kosolapoff

ZHDANOVICH, Y. S.

"Synthesis of N-Derivatives of Anabasine," Zhur. Obshch. Khim., 15, Nos. 1-2, 1945,
Mbr., Alkaloid Dept., Sci. Res. Chemico-Pharmaceutical Inst. im Ordzhonikidze,
Moscow, -1944-

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064630002-8

1
Re: [REDACTED] 101-
81 [REDACTED] 101-
and [REDACTED] 101-
[REDACTED]
[REDACTED]

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064630002-8"

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064630002-8

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064630002-8"

RUVTSOV, I.A.; BALYAKINA, M.V.; GRYZLOVA, L.G.; ZHDANOVICH, Ye.S.;
PREOBRAZHENSKIY, N.A.

Oxidation of diacetone-*L*-sorbose by sodium hypochlorite into
diacetone-2-keto-*L*-gulonic acid. Trudy VNIVI 5:17-21 '54.
(MLRA 9:3)

1. Sinteticheskaya laboratoriya.
(GULONIC ACID) (SORBOSM)

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064630002-8

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064630002-8"

ZHDANOVICH, Ye. S.; BYALAYA, Ye. I.; PREOBRAZHENSKIY, M.A.

Synthesis of pantothenic acid. Trudy VNIVI 6:14-17 '59.

(MIRA 13:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.
Sinteticheskaya laboratoriya,
(PANTOTHENIC ACID)

LISNYANSKIY, I.M.; ZHDANOVICH, Ye.S.

Obtaining vensenesulfoxymethylene- β -ethoxypropionitrile. Trudy
VNIIVI 6:20-21 '59.
(MIRA 13:?)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut,
Sinteticheskaya laboratoriya.
(PROPIONITRILE)

LISNYANSKIY, I.M.; ZHIDANOVICH, Ye.S.

Catalytic method of obtaining acetonitrile. Trudy VNI VI 6:23-27
'59. (MIRA 13:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.
Sinteticheskaya laboratoriya.
(ACETONITRILE)

HUBTSOV, I.A.; BALYAKINA, M.V.; ZHDANOVICH, Ye.S.

Obtaining 4-methyl-5- β -oxyethylthiazole. Trudy VNIVI 6:27-28
1959. (MIRA 13:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut,
Sinteticheskaya laboratoriya.
(THIAZOLE)

LISNYANSKIY, I.M.; ZHDANOVICH, Ye.S.

Method for the synthesis of 4-methyl-5- β -oxyethylthiazole.
Trudy VNIVI 6:28-30 '59. (MIRA 13:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitamininyy institut.
Sinteticheskaya laboratoriya.
(THIAZOLE)

ZHDANOVICH, Ye.S.; GALKIN, A.F.; CHEKAREVA, I.B.; BAULINA, G.A.;
PREOPRAZHENSKIY, N.A.

Production of pyridinecarboxylic acid. Trudy VNIVI 8:11 '61.
(MIRA 14:9)

1. Laboratoriya sinteza vitaminov gruppy B Vsesoyuznogo nauchno-
issledovatel'skogo vitaminnogo instituta.
(Pyridinecarboxylic acid)

BALYAKINA, M.V.; ZHDANOVICH, Ye.S.; LUK'YANOVA, P.V.; PREOBRAZHENSKIY, N.A.

Study of pyridoxine hydrochloride. Trudy VNIVI 8:12 '61.
(MIRA 14:9)

(Pyridoxine)

ZHDANOVICH, Ye.S.; CHEKMAR'YEVA, I.B.; NOVOPOKROVSKAYA, T.S.; LISNYANSKIY, I.M.;
PREOBRAZHENSKIY, N.A.

Production of the amide of nicotinic acid (through esters). Trudy
VNIVI 8:22 '61. (MIRA 14:9)

1. Laboratoriya sinteza vitaminov gruppy B Vsesoyuznogo nauchno-
issledovatel'skogo vitaminnogo instituta.
(Amides) (Esterification) (Nicotinic acid)

ZEDANOVICH, Ye.S.; BYALAYA, Ye.I.; PREOBRAZHENSKIY, N.A.

Synthetic studies on coenzyme A. Part 1: Synthesis of
 β -aminopropionic acid, β -alanine. Zhur. ob. khim. 31 no. 2:446-
447 F '61. (MIRA 14:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut,
(Alanine)

BALYAKINA, M.V.; ZHDANOVICH, Ye.S.; PREOBRAZHENSKIY, N.A.

Synthetic studies in the field of B_6 -group vitamins. Part 1:
Synthesis of 2-methyl-3-hydroxy-4-methoxymethyl-5-hydroxymethyl-
pyridine. Zhur. ob. khim. 31 no. 2:542-544 F '61. (MIRA 14:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.
(Pyridine) (Pyridoxine)

BALYAKINA, M.V.; ZHDANOVICH, Ye.S.; PREOBRAZHENSKIY, N.A.

Synthetic studies in the field of vitamins B₆. Part 2: Synthesis of
2-methyl-3-hydroxy-4-aminomethyl-5-hydroxymethylpyridine. Zhur. ob. khim.
31 no.9:2983-2984 S '61. (MLRA 14:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.
(Pyridoxime) (Pyridine)

ZHDANOVICH, Ye.S.; CHEKMAREVA, I.B.; PREOBRAZHENSKIY, N.A.

Preparation of nitrile and amide of nicotinic acid. Zhur.ob.
khim. 31 no.10:3272-3274 O '61. (MIRA 14:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.
(Nicotinamide) (Nicotinonitrile)

ZHDANOVICH, Ye.S.; CHEKMAREVA, I.B.; BAULINA, G.A.; KAPLINA, L.I.

Improved method for producing nicodin. Med. prom. 16 no.3:25 Mr '62.
(MIRA 15:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.
(NICOTINIC ACID)

BALYAKINA, M.V.; ZHDANOVICH, Ye.S.; ZEMSKOVA, A.G.; PREOBRAZHENSKIY, N.A.

Synthetic research in the field of vitamins of the group B6.
Part 3: Synthesis of pyridoxine derivatives containing residues
of higher aliphatic acids. Zhur. ob. khim. 32 no.4:1172-1175
(MIRA 15:4)
Ap '62.

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.
(Pyridoxol)

CHEKMARIEVA, I.B.; ZHDANOVICH, Ye.S.; NOVOPOKHROVSKAYA, T.S.;
PREOBRAZHENSKIY, N.A.

Preparation of β -pyridinecarboxylic acid (nicotinic) amide.
Zhur. prikl. khim. 35 no.5:1157-1159 My '62. (MIRA 15:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.
(Nicotinamide)

GOLYSHEVA, M.G.; ZHDANOVICH, Ye.S.; LIBER, L.I.

Preparation of flavine-adenine dinucleotide by a microbiological method using an *Eremothecium ashbyii* culture. Vop. med. khim. 9 no.4:371-373 Jl-Ag'63 (MIRA 17: 4)

1. Mikrobiologicheskaya laboratoriya Vsesoyuznogo nauchno-issledovatel'skogo vitaminnogo instituta, Moskva.

CHEKAREVA, I.B.; ZHDANOVICH, Ye.S.; RZNIK, A.I.; PREOBRAZHENSKIY, N.A.

Preparation of quinolinic and nicotinic acids. Zhur.prikl.khim.
38 no.3:707-708 Mr '65. (MIRA 18:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.
Submitted June 10, 1963.

CHEKMAR'VA, I.B.; ZHDANOVICH, Yo.S.; PREOBRAZHENSKIY, N.A.

Catalytic hydration method for the preparation of nicotinamide
from nicotinonitrile. Zhur. prikl. khim. 38 no. 10:2387-2388
O '65. (MIRA 18:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.
Submitted April 15, 1964.

CHERMAREVA, I.B.; ZHDANOVICH, Ye.S.; LUSHCHIK, T.A.; PREOBRAZHENSKIY, N.A.

Separation of nicotinamide by the ion-exchange method. Zhur.org.
khim. 1 no.2:375-379 F '65. (MIRA 18:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.

CHEKHOLEV, I.B.; ZHILINOVICH, V.S.; PEFORALENSKIY, N.A.

Production of β -pyridinecarboxylic (nicotinic) acid. Zhur.
prikl. khim. 38 no.1:220-221 Ja '65. (MIRA 18:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.

"Issledovaniya v oblasti sinteza piridoksin i koenzima A."

report submitted for 35th Intl Cong, Industrial Chemistry, Warsaw, 15-19
Sep 64.

Vsesoyuznyy nauchno-issledovatel'skiy institut, Moscow.

ZHDANOVICH, Ye.S.; CHEKMAREVA, I.B.; NOVOPOKROVSKAYA, T.S.; PREOBRAZHENSKIY,
N.A.

Preparation of β -pyridinecarboxylic (nicotinic) acid amide.
Zhur.ob.khim. 32 no.9:2828-2829. S '62. (MIRA 15:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.
(Nicotinamide)

KUZNETSOV, V.D.; SAVITSKIY, K.V.; SUKHARINA, N.N.; ZHDANOVA, V.N.;
TOPOROV, G.V.; SAVITSKIY, A.P.

Effect of temperature variations and the speed of deformation on
properties of steels with a varying dispersivity of carbide inclusions.
Issl. po zharopr. splav. 6:56-63 '60. (MIRA 13:9)
(Steel--Hardening) (Metals, Effect of temperature on)

TEBYAKINA, A.Ye.; RABINOVICH, M.S.; ZHDANOVICH, Yu.V.; STRUKOV, I.T.;
KONDRAT'YEVA, A.P.; BUYANOVSKAYA, I.S.; SHNEYERSON, A.N.;
GRAGINSKAYA, P.S.; DRUZHININA, Ye.N.

Alpha-aminobenzylpenicillin (ampicillin) and its microbiological
studies. Antibiotiki 9 no.5: 38-392 My '64. (MIRA 18;2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov,
Moskva.

KORTUNOV, Aleksey Kirillovich; ZHDANOVICH, Georgiy Vyacheslavovich;
GORODETSKIY, Vladimir Ivanovich; ZASKO, Fedosiy Afanas'yevich;
KLIMUSHIN, Aleksandr Mikhaylovich; SOLGANIK, G.Ya., vedushchiy
red.; POLOSHINA, A.S., tekhn.red.

[Gas pipeline in Canada; construction and exploitation] Gazovaya
magistral' Kanady: stroitel'stvo i eksploatatsiya. Pod red. A.K.
Kortunova. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi
lit-ry, 1960. 258 p. (MIRA 13:5)
(Canada--Gas, Natural--Pipelines)